

AMENDMENTS TO THE SPECIFICATION

Replace Page 7, Paragraph 2, Line 5

FIG. 3A illustrates a possible arrangement of an airbag inflatable cushion 240 210 for on loom production of the inflatable restraint cushion as illustrated in FIG. 2.

11/17/04 Replace Page 12, Paragraph 2, Line ~~20~~¹¹

In the preferred practice of the present invention two layers of woven fabric 24 are formed simultaneously from polymeric yarn such as polyester, nylon 6 or nylon 6.6 using four repeat patterns each of which incorporates four warp yarns and four weft yarns. Repeat patterns which utilize four yarns in each weaving direction permit the simultaneous formation of two layers of the potentially preferred plain weave configuration using a single weaving machine. Moreover, the repetition of a given weave pattern across the length and width of the fabric gives rise to two layers which are uniform and independent and one another. Subsequent to formation, portions of the fabric 24 may be coated with permeability blocking materials 25 including by way of example only, silicone, polyamides, polyurethane, polyacrylates and mixtures thereof. In the preferred practice, such coatings will be present at levels of not greater than 1 ounce per square yard of fabric, more preferably not greater than about 0.6 ounces per square yard of fabric, and most preferably not greater than about 0.4 ounces per square yard such that the coating inhabits the interstitial voids between the yarns without substantially covering the yarns themselves.

11/17/04 Replace Page 16, Paragraph 2, Line ~~20~~¹⁹

In FIG. 5, there is illustrated an example wherein a first pattern 40 such as pattern illustrated in FIG 4A is in a weave zone adjacent to another weave zone utilizing a second pattern 42 such as illustrated in FIG 4D so as to effect a shift of the weft yarns from the top layer 30 to the bottom layer 32. A similar joint is then formed in close proximity by switching back to the first pattern 40. In FIG. 6 there is illustrated a pair of joints extending in the weft direction

between the top layer 30 and the bottom layer 32 of the woven fabric. This joint is preferably formed by weaving the pattern as illustrated in FIG. 4C in a zone between zones wherein the pattern illustrated in FIG. 4B is utilized. As will be noted, in the illustrated and preferred embodiment, the joints 16 are formed without interrupting the basic joints 16 are formed without interrupting the basic weave pattern of the yarns moving from one layer to another.

7/11/06 ²¹
Replace Page 18, Paragraph 2, Line 5 on Page 19

Aside from extended line connections established between layers of the woven fabric construction 24, it is also to be appreciated that the application of the present invention permits the establishment of substantially point shaped connections as may be desired for certain configurations. One potential embodiment of substantial point shaped connections as may be utilized is illustrated in FIG 9 wherein the flow barrier elements 414 take on a double box cross configuration as may be useful in distributing the load at those points. It is also contemplated to be within the scope of the present invention to utilize combinations of horizontal and vertical connections 514 so as to channel the inflation media to all desired locations. One such arrangement is illustrated in FIG 10.

FIG 11 illustrates a non-sewn cushion 10' like that in FIG 1, illustrating an aperture 12'
for instruction of an inflation media into the interior, a plurality of flow barrier elements 14'
formed by combinations of woven in curved joints 16'.